

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

FORM NO. OSHA-20 (MODIFIED)
MAY 1971

PPM 5086 ser.

MDC CONTROL NO.

DMS 2112
FEB 19 1982

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

TYPE 3

MANUFACTURER'S NAME

U.S. Paint Lacquer & Chemical Company

EMERGENCY TELEPHONE NO.
314-621-0525

ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)

2115 Singleton, St. Louis, Missouri 63103

CHEMICAL NAME AND SYNONYMS

Catalyst for Enamels

TRADE NAME AND SYNONYMS

Alumigrip

CHEMICAL FAMILY

Aliphatic Polyisocyanate

FORMULA

AA92-C-39

CAT

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST Polyisocyanate			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*

High-molecular weight biuret of 1, Six Hexamethylene Diisocyanate	11	
Cellosolve Acetate	25	200PPM
Ethyl Acetate 21% TLV-200PPM, Toluol 10% TLV-200PPM, Xylol 3% TLV 100PPM	15	

SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O = 1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	Very slight		
APPEARANCE AND ODOR	Clear amber liquid with typical acetate odor.		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	40°F T.C.C.	FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	Dry powder or foam.		
FIRE FIGHTING PROCEDURES			

UNUSUAL FIRE AND EXPLOSION HAZARDS

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.

THRESHOLD LIMIT VALUE
100 to 200 PPM
EFFECTS OF OVEREXPOSURE

Eye and mucuos membrane irritant

EMERGENCY AND FIRST AID PROCEDURES

Remove patient to fresh air, contact with skin - flush with copious amount of water, eye contact - flush with large amounts of water seek medical attention.

In case of being swallowed do not induce vomiting seek immediate medical attn.

SECTION VII: REACTIVITY DATA

STABILITY	UNSTABLE.		CONDITIONS TO AVOID
	STABLE	X	

COMPATIBILITY (MATERIALS TO AVOID)

Avoid contact with water, alcohols or means of other compounds which react with Isocyanates
HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VIII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Affected areas should be covered with an absorbent compound, this material then enclosed in a tightly closed container.

WASTE DISPOSAL METHOD

Should be in accordance with Federal State - Local Environmental Control.

LABORATORY PROTECTION (SPECIFY TYPE)

Mask equipped for organic vapors and particle removers should be supplied.

VENTILATION	LOCAL EXHAUST	SPECIAL Sufficient to maintain vapor concentration below TLV
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES

Chemical Resistant Rubber

EYE PROTECTION
Goggles

OTHER PROTECTIVE EQUIPMENT

CAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Must be stored in tightly closed containers, and protected from moisture.

OTHER PRECAUTIONS